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<input checked="" type="checkbox"/> Response to Office Action Dated: 8/10/05 <input type="checkbox"/> Final Rejection	
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**IDENTIFICATION OF APPLICATION**

Serial No.: 09/833,268	Responsible Attorney: RCL
Title: OBJECT SURFACE REPRESENTATION AND RELATED METHODS AND SYSTEMS	
Applicant: Nathan J. Litke, et al.	Entered By: RLC
Client: Caltech	Firm File No.: 01339.0005.NPUS02
Mailed: 9/27/05	Filed: 4/11/01 Due Date: 9/27/05

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Howrey Docket No.: 01339.0005.NPUS02  
CalTech Ref. No. CIT-3197 D1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Nathan J. Litke, et al.

Appl. No.: 09/833,268

Filed: April 11, 2001

For: **OBJECT SURFACE REPRESENTATION  
AND RELATED METHODS AND SYSTEMS**

Art Unit: 2671

Examiner: Lance W. Sealey

**TRANSMITTAL OF RESPONSE TO OFFICE ACTION**

**Mail Stop Amendment**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicants submit the following documents for appropriate action by the U.S. Patent and Trademark Office:

- Response to Office Action, including Replacement Drawings (19 sheets); and
- Postcard

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**CERTIFICATE OF MAILING**  
(37 C.F.R. §1.8a)

I hereby certify that this paper (along with any referred to as being attached hereto) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail in an envelope addressed to **Mail Stop Amendment**, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 27, 2005  
Date of Deposit

Jennifer Coulson  
Name of Person Mailing Paper

  
Signature of Person Mailing Paper

Applicants believe no fee is due for filing this response. If any other fee is in fact due, the Commissioner is hereby authorized to charge Howrey Deposit Account No. **08-3038** for the same. Kindly make reference to Howrey Dkt. No. **01339.0005.NPUS02** when debiting any fees.

Respectfully submitted,

HOWREY SIMON ARNOLD & WHITE, LLP

Date: September 27, 2005

Sean D. Burdick  
Sean D. Burdick, Reg. No. 51,513

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FAX No. (703) 336-6950  
Telephone No. (949) 759-5219



Howrey Docket No.: 01339.0005.NPUS02  
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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

**Nathan J. Litke, et al.**

Appl. No.: 09/833,268

Filed: April 11, 2001

For: **OBJECT SURFACE REPRESENTATION  
AND RELATED METHODS AND SYSTEMS**

Art Unit: 2672

Examiner: Almis R. Jankus

**RESPONSE TO OFFICE ACTION**

***Mail Stop Amendment***

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed August 10, 2005, kindly amend the subject application as follows:

**Amendments to the Claims** are reflected in the Listing of Claims that begins on p.2.

**Amendments to the Drawings** begin on p.10.

**Remarks** begin on p.11.

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Jennifer Coulson  
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Signature of Person Mailing Paper